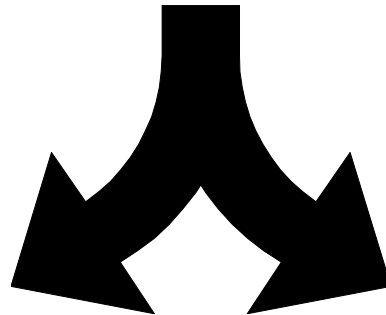




Laquey High School

# **Individual Planning Student Handbook**



Personal Plan of Study  
Course Descriptions/Graduation Requirements  
Career Paths

*<http://laquey.k12.mo.us/>*

**INTRODUCTION**

The purpose of this handbook is to provide assistance to students and parents in developing and updating the student's Personal Plans of Study. Students need to take into consideration their interests, abilities and talents when choosing a career path and cluster. The intent is not to have students choose a specific occupation, but to see the broader career pathways and select courses that will enable them to get as much knowledge and as many skills as possible given their individual interests and needs.

Laquey High School provides college preparatory studies and technical/vocational training to students each year. Once a student knows what direction they want to focus their energy, they need to decide on the type of training that is best for them. Students may choose "hands on" technical training, further education at college or universities, military training or "on the job" apprentice training. Each of these choices may require them to make certain adjustments to their Personal Plan of Study each year. Professional School Counselors will provide assistance with these adjustments, and students are to review their Personal Plan of Study with their parents each year. After they have made revisions to their plans, they review revisions with their school counselor. The revised plan aids students in their yearly scheduling process.

**PRINCIPAL: Mr. Eric Shaw**

**PROFESSIONAL SCHOOL COUNSELOR: Mrs. Shelley Mayle**

**SECRETARY: Mrs. Charity Hendrix**

**REGISTRAR: Mrs. Tammy Moore**

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## Laquey High School's CROSSWALK OF CAREER PATHS/CLUSTERS

\*For more Information go to [www.missouriconnections.org](http://www.missouriconnections.org)

### Arts and Communications (Artistic "Creators")

#### Clusters: Arts, Audio/Visual Technology & Communications

**Occupations include** Architecture, Interior Design, Creative Writing, Fashion Design, Film, Fine Arts, Graphic Design, Journalism, Languages, Radio, TV, Advertising, Public Relations

**Recommended Electives:** Computer Applications, Woods, Desktop Publishing, Art, Choir, Band, Music Appreciation, Fundamentals of Music, Drafting, Foreign Languages, Area Career Center programs in Digital Media, Graphic Design, Commercial Printing, Television Journalism, and Culinary Arts

**Clubs & Activities:** Industrial Technology Education Club, Art, Yearbook, A+ Program, Tri-M, Student Council, National Honors Society, Class Officers, Piano, Guitar, Book Club, Movie Club, Yearbook

**Possible Volunteer Work:** Pulaski County Arts Community Theater, Church Choir, Radio/TV station, Write for Local Newspaper, Write for School Newspaper, Sing National Anthem at Events, Community Craft Bazaar, Community Christmas Parade Float Design Committee, Community Christmas Parade Organization, A+ Tutor

### Business, Management and Technology (Conventional "Organizers")

#### Clusters: Information Technology, Finance and Marketing

**Occupations include** Sales, Entrepreneurship, Marketing, Computers, Finance Accounting, Personnel, Economics and Management

**Recommended Electives:** Computer Applications, Desktop Publishing, Newspaper Publications, Accounting, Personal Finance, Economics, English Composition, Foreign Language, Computer Graphics, Careers, Career Center Programs in Computer Information Technology, Computer Maintenance, Digital Media, Web Design, Business Technology, Tourism & Hospitality, Marketing

**Clubs & Activities:** WCC FBLA, WCC DECA, A+ Program, AFLS, FBLA LHS, BETA Club, NHS, STUCO, Class Officer, Community Sports League Volunteer, Yearbook

**Possible Volunteer Work:** Projects for Clubs, Fundraisers for Charitable Causes, Office or Guidance Office Aide, Local Newspaper Volunteer, A+ Tutor

### Health Services (Investigative/Social "Thinkers/Helpers")

#### Clusters: Health Sciences

**Occupations include:** Related to the promotion of health and the treatment of disease. Research, Prevention, Treatment and related Technologies

**Recommended Electives:** Anatomy/Physiology, Adv. Biology, Chemistry, Psychology, Sociology, Foreign Language, Computer Applications, Weight Training, Health, Contemporary Issues, Career Center programs in Culinary Arts, and Health Science Program

**Clubs & Activities:** Sports, Community Sports League Volunteer, Class Officer, Student Council, Red Cross Volunteer, A+ Program, Health Science Club WCC, BETA Club, National Honors Society

**Possible Volunteer Work:** Hospital Volunteer, Red Cross, Donate Blood, AHEC, Area Food Pantries, Good Samaritan Resource Center, MOCA, A+ Tutor

### Human Services (Social "Helpers")

#### Clusters: Education & Training, Government & Public Administration, Hospitality & Tourism, Law/Public Safety/Corrections/Security

**Occupations include:** Related to Economic, Political and Social systems, Education, Government, Law & Law enforcement, Leisure & Recreation, Military, Religion, Child Care, Social Services and Personal Services

**Recommended Electives:** Computer Applications, Drama, Psychology, Sociology, American Government, Weight Training, Cont. Issues, Advanced American History Health, Career Center Programs Tourism & Hospitality and Culinary Arts, JROTC

**Clubs & Activities:** Sports, Student Council, Class Officer, FCA, A+ Program, Lettermen's Club, FTA, Health Science Club WCC, BETA Club, NHS, Yearbook, FCA

**Possible Volunteer Work:** Work for Political Campaigns, Day Care, Teacher Aide, Leo Club, A+ Tutor

## **Industrial & Engineering Technology** **(Realistic/Investigative/ Conventional** **"Doers/Thinkers/Organizers")**

**Clusters: Architecture/Construction, Manufacturing, Science/ Technology/Engineering/Math, Transportation, Distribution & Logistics**

**Occupations include:** Related to Design, Develop, Install, and Maintain Physical Systems, Engineering, Manufacturing, Construction, Service and related Techs.

**Recommended Electives:** Computer Applications, Geometry, Physics, Desktop Publishing, Woods I & II, Small Engines, Drafting I & II, Physics, Career Center Programs Electronics, Auto Collision, Auto Service Tech, Construction Technology, HVAC, Masonry, Welding and Manufacturing

**Clubs & Activities:** ITE, Yearbook, A+ Program, NHS, BETA Club, Student Council, WCC Programs, Class Officer, Arial Fun (Robotics Club)

**Possible Volunteer Work:** Maintenance and Repairing Small Appliances, Automobiles, Computer Tech Volunteer, A+ Tutoring.

## **Natural Resources (Realistic "Doers")**

**Clusters: Agriculture, Food, Natural Resources**

**Occupations include:** Related to Agriculture, Environment and Natural Resources. Agriculture Science, Environmental Science, Earth Science, Fisheries, Forestry, Horticulture and Wildlife

**Recommended Electives:** Computer Applications, Earth Science, Ecology, Conservation, Advanced Biology, Chemistry, Career Center Program Vocational Agriculture

**Clubs & Activities:** Missouri Conservation, SGI, Natural History Club Outdoor Activities, Leo Club, A+ Program

**Possible Volunteer Work:** Adopt a Highway or River, Florist, Waynesville Parks, Outdoor Classroom Volunteer, Veterinary Clinic Volunteer, Pulaski County Animal Shelter Volunteer, A+ Tutor, Archery Club

## **STUDENT GRADUATION ELIGIBILITY**

Students eligible for graduation must have 25 units of credit. Students must pass a satisfactory test on the Constitution of Missouri and the Federal Constitution prior to graduation.

The following is the minimum basic requirements that all students at Laquey High School must successfully pass to graduate.

- All credits are to be earned in grades 9 through 12.
- 25 units are to be distributed minimally as follows:  
Mathematics - 3 units      Practical Arts - 1 unit  
Language Arts - 4 units      Fine Arts - 1 unit  
Science - 3 units      Physical Ed. - 1 unit  
Social Studies - 3 units      Health - ½ unit  
Personal Finance - ½ unit      Electives – 8 units

The following are the minimum requirements that all students must successfully pass to be eligible for college enrollment and the College Preparatory Certificate.

- All credits are to be earned in grades 9 through 12.
- A minimum cumulative GPA of 3.0 or "B" average.
- An ACT composite score above national average.
- 25 units are to be distributed minimally as follows:  
Mathematics - 4 units\*      Communication Arts - 4 units  
Fine Arts - 1 unit      Science - 3 units  
Physical Ed. - 1 unit      Social Studies - 3 units  
Health – ½ unit      Foreign Language - 2 units  
Practical Art - 1 unit      Personal Finance – ½ unit  
Electives – 5 units

\*Algebra I or higher

In order to complete the required credits for graduation, the student has the opportunity to choose a variety of courses that would fit his or her career path.

## **ACTIVITY ELIGIBILITY**

All students wanting to participate in high school athletics, band, choir or any other competitive activity must be enrolled in and successfully complete 3 credits (six classes) the semester before and during the activity in which they participate. This is a MSHSAA rule for all schools. Eligibility for the fall semester will be based upon a student meeting these standards during the SPRING SEMESTER of the prior school year. Students interested in participation in college athletics need to understand the rules and regulations of the NCAA Eligibility Standards go to [www.ncaastudent.org](http://www.ncaastudent.org) to get the information prior to completing their personal plan of study.

## **A+ PROGRAM ELIGIBILITY**

Laquey High School is an "A+ School" designated by the state of Missouri. This designation enables every student who meets A+ criterion to receive tuition incentives to Missouri Community Colleges or Vocational/Technical Schools. Students who are interested in receiving the benefit must sign an "A+ Agreement" form and return it to the A+ Coordinator's office.

### **Requirements to complete the A+ Program:**

- Sign an A+ Agreement and submit it to the A+ Office.
- Earn a cumulative grade point average (GPA) of 2.5 on a 4.0 scale by graduation.
- Maintain a 95% attendance average over a 4-year period.
- Provide 50 hours of supervised, unpaid tutoring within the Laquey School District.
- Maintain a record of good citizenship (No OSS)
- Avoid the unlawful use of drugs (have no alcohol or drug offenses on school or police records).
- Attend an A+ high school the 3 years prior to graduation.
- Be a US citizen
- Successfully meet the Algebra I requirement
- The student and their parents must also complete a free application for Federal Student Aid. (FAFSA) after Jan. 1st of senior year. Form available: [www.fafsa.gov](http://www.fafsa.gov)

## **HONOR COURSES**

Honors diploma can be earned by completing an additional upper level elective course in Language Arts, Social Studies, Math, and Science. Students must also maintain a 3.0 GPA. Courses are weighted for Rank in Class.

Upper level electives include:

Spanish II	College Prep English
Novels	Mythology
Contemporary Literature	College Algebra
AP Calculus	AP Literature
Trigonometry	AP Language
Chemistry I	Physics
Chemistry II	Anatomy
Physiology	Biology II
Psychology	Sociology
AP American History	

## **DUAL CREDIT COURSES – OZARKS TECH COMM COLLEGE**

A variety of courses can be taken at OTC during a student's junior and senior years. Students can earn up to 36 college credit hours total in this two-year program. Applications must be completed and returned in the spring of a student's sophomore year. Prerequisites include a 3.0 cumulative GPA, good attendance, and teacher recommendation. All courses qualify as Honors courses. Courses include but are not limited to:

Abnormal Psychology	American Government
Art	Chemistry
College Algebra	English Composition
Creative Writing	Economics
Geology	Ethics
Life Science	Lifespan Development
Lifetime Wellness	Nutrition for Living
Psychology	Public Speaking
Trigonometry	World History
World Music	

## **WAYNESVILLE CAREER CENTER PROGRAMS**

Students may earn 3 credits for each year completed. Students will also be enrolled in 3 classes at LHS in order to meet all graduation requirements. Students may earn a certificate and portfolio from WCC upon the successful completion of the programs. Programs are available to juniors and seniors. Sophomore students take a tour of the facility and get an overview of the programs offered.

Auto Collision Technology	Auto Service Technology
Business	Commercial Printing
Computer Information Technology	Computer Maintenance
Construction Technology	Cosmetology
Culinary Arts	Graphic Design
Health Science	HVAC
JROTC	Masonry
Marketing	Television Journalism
Vocational Agriculture	Welding & Manufacturing

## **SPECIAL SERVICES**

Courses are offered for individual students with diagnosed special needs.

## **INDEPENDENT STUDY COURSES**

Students may elect to take correspondence courses through an accredited institution at a cost to the student. The guidance office has a list of accredited institutions and costs. It is suggested that a student get prior approval from the principal before enrolling in a course.

## **MOVIP**

High School Credit courses are also available through **Missouri Virtual Instructional Program** go to: [www.dese.mo.gov/divimprove/curriculum/movip](http://www.dese.mo.gov/divimprove/curriculum/movip) or see your counselor for details.

## CREDIT RECOVERY

Credit Recovery is an internet based instructional program that offers a state approved curriculum. Students are expected to complete 0.5 credit every 9-11 weeks in order to remain in the program. Enrollment in the program is a privilege. Any violations of rules may result in removal from the program.

### Language Arts

English I  
English II  
English III  
English IV

### Math

Algebra I  
Algebra II  
Geometry

### Science

Biology  
Earth Science  
Physical Science

### Social Studies

American Government \*  
American History  
Economics \*  
Geography  
World History

### Electives

Health \*  
Physical Education \*  
Spanish I

\* One semester (0.5 credit) course

All other courses will be awarded 1.0 credit

## SUMMER SCHOOL

Students may also earn up to 1 full high school credit, each summer, toward graduation from Summer School Program. A course schedule for summer school is distributed in May (each year) to students who need to make up credit and is available for all students who may need to take a course to fit into their personal plan of study. Please note that summer school is not offered every year. Credit is accepted from area summer school programs.

## GRADE POINT AVERAGES

Grades from all courses will be included in the grade point average including PE, but not Pass/Fail courses.

<u>Standard GPA</u>	<u>Grade</u>
4.00	A
4.00	A-
3.67	B+
3.33	B
3.00	B-
2.67	C+
2.33	C
2.00	C-
1.67	D+
1.33	D
1.00	D-
0.00	F

## SCHEDULE CHANGES

Students may request a schedule change through the first week of first semester. Second semester changes need to be turned in before the last day of first semester. Students will receive an "F" if withdrawn for disciplinary reasons. Exceptions to the above will be made through administrative channels for unique and unusual circumstances.

## STUDENT CLASSIFICATION

Students will be classified in certain grade levels by the number of credits he or she has earned at the end of each school year.

9th grade	0.00 -	5.50 credits
10th grade	6.00 -	11.50 credits
11th grade	12.00 -	17.50 credits
12th grade	18.00 -	25.00 credits

## ACT

The ACT is used for college admission and scholarships. All Juniors in the state of Missouri take a FREE ACT during the school day in April. Various test centers offer the ACT on Saturday morning and a fee is charged (fee waivers are available in the counselor's office). To best prepare for the ACT, students must take core academic courses all 4 years. You may take the test more than once and colleges accept the highest score. For more info, go to <http://www.act.org>. Several ACT Prep Workshops are held after school during the year. Check the announcements for dates and locations.

## ACT TEST DATES

September 10	October 22
December 10	February 11
April 8	April 19 – At LHS
June 10	

## COURSE OFFERINGS AT LAQUEY HIGH SCHOOL

### \*Semester Course    +Honors Course

## **COMMUNICATION ARTS**

Language Arts I	Contemporary Literature* +
Language Arts II	Novels*
Language Arts III	Mythology
Language Arts IV	AP Literature +
College Prep English +	Creative Writing*
History of Film*	AP Language +
Reading Comprehension	Appreciation of Literature*

## **MATHEMATICS**

Algebra I	Algebra IA
Algebra II	Integrated Math
College Algebra +	Geometry
Trigonometry +	AP Calculus +

## **SCIENCE**

STEM*	Physical Science
Ecology*	Conservation*
Biology I	Biology II +
Anatomy* +	Physiology* +
Chemistry I +	Chemistry II +
Earth Science	

## **SOCIAL STUDIES**

World History	American History
Government	AP American History +
Contemporary Issues*	Missouri History*
Sociology* +	Psychology* +
Economics*	

## **PRACTICAL ARTS - BUSINESS**

Accounting I	Computer Applications*
Desktop Publishing I	Desktop Publishing II
Keyboarding*	Personal Finance*
Introduction to Business	

## **PRACTICAL ARTS - INDUSTRIAL ARTS**

Industrial Woods I	Industrial Woods II
Drafting I	Drafting II
WCC Programs	

## **FINE ARTS**

Art I	Art II
Art III	Art IV
Choir	Band
Music Appreciation	Sculpture

## **FOREIGN LANGUAGE & OTHER ELECTIVES**

Spanish I	Spanish II
ACT Prep	

## **PHYSICAL EDUCATION/HEALTH**

Physical Education	Health*
Wellness*	Body Conditioning

## **A DESCRIPTION OF COURSES OFFERED AT LAQUEY HIGH SCHOOL**

### ENGLISH

\* **Requirement**

\*\* **Elective**

+ **Honors Course**

### Language Arts I

(1 Credit, Gr. 9)

Language Arts I is a required course and will include the study of short stories and *Romeo & Juliet*, writing and grammar. These units of study are designed to enhance skills (reading, writing, speaking and listening) which will prepare students for success in a variety of communications and in understanding different genres.

**054800\***

**Language Arts II** **054800 \***  
(1 Credit, Gr. 10)  
*Prerequisite:* Full year English I credit  
LA II is a required course designed to extend the student's English education in the following areas: composition, proofreading, editing, research, vocabulary, literary analysis, speaking and listening. The class is an excellent opportunity for students to polish communication skills needed for the Twenty-first Century. Students must have credit for a full year.

**Language Arts III** **054800 \***  
(1 Credit, Gr. 11)  
*Prerequisite:* LA I & LA II (full year of both)  
LA III is the third required course of Language Arts for Laquey High School. LA III provides a study of varied forms of American literature and media through critical reading, analysis, composition and other related assignments and class discussion.

**Language Arts IV** **054800 \***  
LA IV is an option required to meet the fourth required course of Language Arts for Laquey High School. LA IV provides a focus on the study of British and world literature and individual student writing. The course incorporates the Missouri Learning Standards including reading/ literary study, writing, research, listening, speaking, poetry, and reading of *Frankenstein, Night, Animal Farm, and A Comedy of Errors*.

**College Prep English +** **054861 \*\***  
(1 Credit, Gr. 12)  
*Prerequisite:* 3.0 GPA, 19 on English subtest of ACT. College English is an introduction to college level writing with emphasis upon the process of thinking, composing, revising editing, and proofreading. Topics include basic research writing and documentation techniques, various essay forms, and business writing.

**Mythology +** **054850 \*\***  
(1 or 1/2 Credit, Gr. 11-12)  
*Prerequisite:* LA I, LA II  
The gods, goddesses, and legends of ancient Greece, Rome, and world cultures and their literary, scientific, and historical influences on the world are examined. Historical and literary references of both mythological and Biblical materials, as well as their interrelationships are reviewed and studied.

**Novels +** **054825 \*\***  
(1/2 Credit, Gr. 11-12)  
*Prerequisite:* LA I, LA II  
Students will learn the elements of literature, analyze characters, and create projects demonstrating grammar, composition, and use of literature. *The Great Gatsby, Of Mice and Men, Fahrenheit 451, Animal Farm, A Connecticut Yankee in King Arthur's Court* are some of the novels that may be read in this course.

**Science Fiction** **054819 \*\***  
(1/2 Credit, Gr. 9-12)  
*Prerequisite:* None  
Students in Science Fiction will read, discuss, and study stories that have defined this genre. Students will gain an understanding and appreciation for the genre. Students will learn the origins of these genres, the reasons this genre appeals to such a wide number of readers. Along the way will be interesting side notes about the authors, the "secrets" behind the stories, and the future of this genre.

**Contemporary Literature +** **054882 \*\***  
(1/2 Credit, Gr. 9-12)  
*Prerequisite:* None  
This course is a semester class for 9-12<sup>th</sup> graders which includes the study of coming of age literature, such as *Bless The Beasts and the Children, That Was Then, This Is Now, & Dicey's Song*.

**AP Literature and Composition +** **054995 \*\***  
(1 Credit, Gr. 12)  
*Prerequisite:* 3.0 GPA, 19 on English subtest of ACT.  
Emphasis on literature/ poetry and author's meaning. Various literary techniques along with how to express author's intention through writing will be covered. All students will be required to take the national Advanced Placement exam, free of charge (\$95) in May. Provided students earn a qualifying score, many colleges and universities will use this score to replace various College English and/or Literature general education requirements.

**AP Language and Composition +** **054895 \*\***  
(1 Credit, Gr. 11, 12)  
*Prerequisite:* 3.0 GPA, teacher recommendation.  
Students will develop analytic and argumentative essays, evaluate, synthesize, and cite research to support their arguments. Students will read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. All students will be required to take the national Advanced Placement exam, free of charge (\$95) in May. Provided students earn a qualifying score, many colleges and universities will use this score to replace various College English and/or Literature general education requirements.

**History of Film** **056599 \*\***  
(1/2 Credit, Gr 11-12)  
*Prerequisite:* None  
Introduces the creative elements of cinema including screen writing, performance, cinematography, editing, sound, and directing. Selected films will be screened and analyzed which includes *Mary Poppins, The Wizard of Oz, 12 Angry Men and The Rope*.

**Reading Comprehension** **054899 \*\***  
(1 Credit, Gr 9-12)  
*Prerequisite:* None  
This course is for grades 9-12 that covers basics of reading for comprehension and focuses on non-fiction reading with some fiction writing.

**Appreciation of Literature** **0548200\*\***  
(1/2 Credit, Gr 10-12)  
*Prerequisite:* LA I, B or Better  
This course is for grades 10-12 that covers literature that explores captivity to freedom. Literature will include the *Biography of Jane Pittman, Frankenstein, and Night*.

### FOREIGN LANGUAGE

\* **Requirement**  
\*\* **Elective**

**Spanish I** **066300 \*\***  
*Prerequisite:* None  
(1 Credit, Gr. 10-12)  
This course is designed to introduce the student to the alphabet, the entire sound-system of the language, and the basic grammatical categories. The vocabulary and structure in this course allow the student to participate in simple, everyday situations.

**Spanish II** **066300 \*\***  
(1 Credit, Gr. 11-12)  
*Prerequisite:* C or higher in Spanish I or teacher's permission  
This course is designed to expand upon the student's basic language skills at a level sufficient to participate in daily activities concerning school, home, friends, and simple public situations to include food, travel, entertainment, time, weather, and introduction.



## **SOCIAL STUDIES**

\* **Requirement**

\*\* **Elective**

+ **Honors Course**

### **American History**

**156661 \***

(1 Credit, Gr. 10)

*Required:* 10<sup>th</sup> graders

Modern American history is an in-depth look at history from 1865 to present. In class, we try to look at ways we can profit from the successes of our past history and try to shape our futures by understanding our current history.

### **Economics**

**156630 \*\***

(1/2 Credit, Gr. 10-12)

*Prerequisite:* None

This one semester class will introduce various theories on how wealth may be distributed, who benefits from that wealth, how governments may influence that distribution and how changes in supply and demand may affect prices. While communist and socialist economic systems will be studied, the emphasis of the course will be on capitalism in the United States.

### **American Government**

**HS0700 \***

(1 Credit, Gr. 11)

*Required:* 11<sup>th</sup> graders

This class takes an interesting look at how our American government began and has evolved over the last 220 years. The course discusses your rights as an American citizen and how government works for the citizens.

### **Psychology +**

**156100 \*\***

(1/2 Credit, Gr. 11-12)

Students will be introduced to major theories of human development, adjustment and breakdown. While abnormal psychology is part of the material, other topics are covered as well. Topics include: perception and sensation, stress, sleep and dream, learning, memory, motivation and intelligence.

### **Sociology +**

**156670 \*\***

(1/2 Credit, Gr. 11-12)

This is a junior/senior class used as an introductory course to the study of sociology and group behavior. Many surveys and observations are done by the students. The major focus is on how we are affected and how we affect our families, friends, and other relationships.

### **World History**

**156663 \***

(1 Credit, Gr. 9)

*Required:* 9<sup>th</sup> graders

This is a required class that surveys the history of the ancient world through modern times. Special emphasis will be given to a number of topics throughout the year. A historical knowledge of the background of the world, gives each student a better understanding of the situations currently existing in today's world.

### **AP American History +**

(1 Credit, Gr. 12)

**156661\*\***

*Prerequisite:* B or better in LA and SS, Teacher recommendation

This course focuses seven themes of equal importance – American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society – provide areas of historical inquiry for investigation throughout the course. Students reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. All students will be required to take the national Advanced Placement exam, free of charge (\$95) in May. Provided students earn a qualifying score, many colleges and universities will use this score to replace various College English and/or Literature general education requirements.

### **Missouri History**

**156662\*\***

(1/2 Credit, Gr. 9-12)

*Prerequisite:* None

The course Missouri History is a study of Missouri, its people, culture, and institutions. The course addresses the diversity of modern Missouri from the Ozarks country to the urban areas of St. Louis and Kansas City. The geography of Missouri may also be addressed in the course.

### **Contemporary Issues**

**156620\*\***

(1/2 Credit, Gr. 9-12)

*Prerequisite:* None

This course concentrates on national and state events as they occur. Contemporary Issues is designed to study current issues and how they affect our lives, state, national, and world events. This class is necessary to help promote an understanding of the ever changing world; its people, customs, governments, and social climate.

## **MATHEMATICS**

\* **Requirement**

\*\* **Elective**

+ **Honors Course**

### **Algebra IA**

**115810 \*\***

(1 Credit, grade 9-12)

*Prerequisite:* By permission only

This course is an introductory algebra class. Many topics will be covered, including review of basic math skills, probability and statistics, and an introduction to algebraic topics such as operations involving algebraic expressions, solving linear equations, graphing, working with square roots and exponents. Students who successfully pass this course may take Algebra I the following year. **(May not count towards college admission.)**

### **Algebra I**

**115810 \***

(1 Credit, Gr. 9-12)

This is the traditional one-year algebra course which is a prerequisite for Geometry. Algebra students will develop skills in equations, graphing, polynomials, exponents, and inequalities within the real number system. It is strongly suggested that students planning to enter a four-year university after graduation take Algebra I.

### **Integrated Math I**

**115825 \*\***

(1 Credit, Gr. 10-12)

This course is designed to help the students further develop math skills and concepts with a hands-on/interactive approach. Content includes measuring, problem solving, basic algebra, geometry, probability and statistics.

### **Integrated Math II**

**115825 \*\***

(1 Credit, Gr. 11-12)

*Prerequisite:* Successful completion of Integrated Math I

This course is designed to help the students develop mathematical skills and apply them to areas of agriculture, business, home economics, health occupations, industry and other life skills. Content includes algebra and geometry concepts. **(May not be offered every year)**

### **Geometry**

**115830 \*\***

**(1 Credit, Gr. 10-12, 9<sup>th</sup> with permission)**

*Prerequisite:* Successful completion of Algebra I (C or better is recommended)

This course provides an opportunity to develop logical thinking and to explore connections between algebra and geometry. Students will apply inductive and deductive reasoning to undefined terms, definitions, postulates and theorems to reach conclusions about geometric figures.

**Algebra II** 115810 \*\*  
(1 Credit, Gr. 10-12)  
*Prerequisite:* Successful completion of Geometry (C or better is recommended)

This course provides an opportunity to learn extended algebraic topics in order to develop reasoning and problem solving abilities. Students will enhance their existing algebra skills and develop skills working with rational expressions, irrational and complex numbers, logarithms, and analytic geometry. Students planning to enter a 4-year state university must pass Algebra II.

**Trigonometry +** 115860 \*\*  
(1 Credit, Gr. 11-12)

*Prerequisite:* Successful completion of Geometry and Algebra II  
This course provides an opportunity for students to expand their knowledge of mathematics and explore applications of various math concepts. Students will develop skills using trigonometric ratios, solving trigonometric equations, proving trigonometric identities and graphing polar functions.

**AP Calculus +** 115895\*\*  
(1 Credit, Gr. 12)

*Prerequisite:* Trigonometry, College Algebra  
Calculus is a full year high school course to develop the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Graphing calculators will be used in this course. All students will be required to take the national Advanced Placement exam, free of charge (\$95) in May. Provided students earn a qualifying score, many colleges and universities will use this score to replace various College English and/or Literature general education requirements.

**College Algebra +** 115810\*\*  
(1 credit Gr. 11-12)

*Prerequisite:* Algebra I, Algebra II  
Students will expand their knowledge of polynomials, complex numbers, exponents, logarithms, analytic geometry, use of matrices and the binomial theorem.

## **SCIENCE**

\* Requirement

\*\* Elective

+ Honors Course

**Physical Science** 135010 \*  
(1 Credit, Gr. 9)

*Required:* 9<sup>th</sup> graders  
This is an exciting class that will give you a foundation in physics and chemistry with many hands-on activities. This class is offered at the freshman level and is a good foundational science class. Physical Science is a graduation requirement for graduates beginning in 2004.

**Biology I** 134200 \*\*  
(1 Credit, Gr. 10)

*Required:* 10<sup>th</sup> graders  
Biology I is a course that focuses on the study of organisms, their interdependence with the environment and each other, as well as the requirements for survival. The course includes many labs and dissections and, therefore, focuses on the literature in biology as well as the laboratory techniques required to understand the material.

**Conservation** 134215 \*\*  
(1/2 Credit, Gr. 10-12)

This course is a study of our environment, conservation of natural resources, and environmental issues focusing on conserving our natural resources such as forests, land, atmosphere, water, and animals. We will deal with these areas on a worldwide basis and emphasize our local areas.

**Ecology** 134215\*\*  
(1/2 Credit, Gr. 10-12)

This course studies the interactions of organisms with their abiotic and biotic environments. Topics studied include terrestrial and aquatic biomes, population's dynamics, trophic relationships, and the effects of human interaction in areas such as pollution and energy relationships. Activities will include lab studies, field studies and simulations, data graphing and analysis.

**Biology II +** 134200\*\*  
(1 Credit, Gr. 11-12)

*Prerequisite:* Biology I  
Biology II is a course which includes independent study, laboratory investigations, and lecture with evaluation by objective and essay examination. Students should have a thorough understanding of biological and chemical concepts due to the intensity and fast pace of this course.

**Chemistry I +** 134600\*\*  
(1 Credit, Gr. 10-12)

*Prerequisite:* Physical Science, Algebra I  
This class is a general overview of the basic principles (nomenclature, balancing equations, atomic theory, reaction rates, etc.) of chemistry. The foundation laid should ready a student for either a Chemistry II class or a general college chemistry class.

**Chemistry II +** 134600 \*\*  
(1 Credit, Gr. 11-12)

*Prerequisite:* Chemistry I, Algebra II  
This class builds on the foundation set in Chemistry I. A greater emphasis is put on laboratory applications with biochemistry, organic chemistry, and qualitative analysis being expanded upon.

**Anatomy +** 134221 \*\*  
(1/2 Credit, Gr. 11-12)

*Prerequisite:* Biology I and Biology II  
Anatomy is a course centered around human anatomy. It is a college preparatory class that introduces the junior and/or senior student to the structures of the human body in both a classroom and a laboratory setting. Students become familiar with both the written information in human biology and the laboratory techniques used in its study including dissection.

**Physiology +** 134221 \*\*  
(1/2 Credit, Gr. 11-12)

*Prerequisite:* Biology I and Biology II  
Physiology is a course centered around human physiology. It is a college preparatory class that introduces the junior and/or senior student to the functions of the human body in both a classroom and a laboratory setting. Students become familiar with both the written information in human biology and the laboratory techniques used in its study including dissection.

**STEM** 135900 \*\*  
(1/2 Credit, Gr 9-12)

*Prerequisite:* None  
Students will understand science, technology, engineering, and mathematics (STEM) as a collection of interrelated disciplines, rather than a series of isolated fields. Students will come away from this course with a thorough understanding of how the STEM disciplines work together to investigate the world, define problems, and create optimal solutions. Students will be introduced to the practices of science and engineering; and they will explore various STEM fields.

**Earth Science** 133800 \*\*  
(1 Credit, Gr 9-12)

*Prerequisite:* None  
This course explores the foundations of Earth Science in the following related topics /fields: Earth's place in the universe, dynamic Earth processes, Energy in the Earth system, biochemical cycles, structure and composition of the atmosphere, and geology.

**PHYSICAL EDUCATION AND HEALTH**

\* Requirement

\*\* Elective

**Physical Education 086000 \***

(1 Credit, Gr. 9-12)

Prerequisite: None

A co-educational course designed to allow the student the opportunity to participate in a program emphasizing physical fitness and providing students with knowledge of numerous game and activity rules, techniques, and strategies.

**Body Conditioning 086025 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: None

A class designed to teach basic weight lifting techniques which will improve strength, endurance, flexibility and conditioning.

**Health 085300 \***

(1/2 Credit)

Required: 9<sup>th</sup> graders

The health curriculum focuses on the mental, physical, social and emotional areas of health. These health areas and current health issues are studied to help students make responsible decisions toward their overall wellness.

**Wellness 086099 \*\***

(1/2 Credit Gr. 9-12)

Prerequisite: None

This course will give students a practical and effective perspective of fitness. They will learn the underlying fundamentals of fitness for life including strength, endurance, flexibility and cardiovascular conditioning.

**Lifetime Sports 086030 \*\***

(1 Credit Gr 9-12)

Prerequisites: None

This curriculum will highlight the significance of lifetime physical fitness, leisure time activities and sportsmanship. Lifetime Sports activities will focus on court and field games. Examples of these activities include: Ultimate Frisbee, Frisbee Golf, Badminton, Volleyball, Basketball, Soccer, Archery, Golf, Pickle Ball and Bowling. This class will also stress the importance of performance, sportsmanship and rules and regulations.

**FINE ARTS**

\* Requirement

\*\* Elective

**Art 024100 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: None

This introductory art course is designed to acquaint students with basic and advanced techniques of drawing, as well as to give them a general study of drawing throughout history.

**Art II 024100 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: Art I

Art II is a survey of art styles, art concepts and influences on Western Culture, and how they might relate to us today. A visually rich environment is presented to the student in this class, preparing her or him for making informal and enlightening observations of the world around us. This course is designed to offer students direct hands-on usage of art media. Subjects include painting, printing, and sculpture.

**Art III 024100 \*\***

(1/2 Credit, Gr. 10-12)

Prerequisite: Art II

This class is designed with advanced students and their interest as its chief concern. Students will work at their own speed and level of the guidelines, but each will be judged according to his or her own ability and skill. The student should have a high degree of interest

and be willing to attempt projects that will broaden knowledge and skills. Art I and Art II are prerequisites for enrollment in this class.

**Art IV 0241003 \*\***

(1/2 Credit, Gr. 10-12)

Prerequisite: Art III

This class is designed with advanced students and their interest as its chief concern. Students will work at their own speed and level of the guidelines, but each will be judged according to his or her own ability and skill. The student should have a high degree of interest and be willing to attempt projects that will broaden knowledge and skills. Art II and Art III are prerequisites for enrollment in this class. Art IV is a study and exploration of the elements and principles of design and their application to the designing process, basic to all art fields.

**Sculpture 024126 \*\***

(1 Credit, Gr. 10-12)

Prerequisite: B or better in Art I

This class is designed for the advanced art student. The student should have a high degree of interest and be willing to attempt three-dimensional projects which will broaden his other knowledge and skill. Students will create sculptures using a variety of materials – cardboard, foam core, plaster, wire, and ceramics.

**Choir 126960 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: None

Choir has been established for students who wish to sing. Unlike Band, a student does not need to be in choir consecutively to be able to stay in. In choir, much time is spent on preparing for District Honor Choir, Frisco League Honor Choir, the Missouri Valley Solo Day, and the Frisco League Solo Festival. With these performances in mind, a student in choir should expect to spend time growing their own voice for their own performance. In second semester the class will come together as an ensemble to prepare for State Large Ensemble Contest, and focus on the elements of singing in a group vs. singing on your own.

**Band 125510 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: Prior and consecutive participation in junior high or high school band.

High School Band is the final step in the 7 year progression of the band courses that started in 6th grade. This is a co-curricular class with several performances outside of the standard school day. During first semester the primary focus is marching band; via that year's field show and immediately followed up with Christmas Parades. The culminating event is the Christmas Concert in the High School Gym. Second semester is all concert band. Students work on musical that is utilized in festival performance, and it culminates with the Spring Concert also in the High School Gym. Other opportunities in this class involve auditioning into the conference and district/state honor bands, as well as solo and ensemble in the spring. Jazz Band is offered as an extracurricular, but is only available to those in Band Class.

**Music Appreciation 126920 \*\***

(1 Credit, Gr. 9-12)

Prerequisite: None

Music Appreciation is designed as an open forum class in which students will participate in discussions about the history. Through doing this we will discuss the effects of culture, demographic, time period, technology, and the hierarchy effects music. We will also study the different elements of music and the music business

**Fundamentals of Music 126910\*\***

(1 Credit, Gr. 9-12)

Prerequisite: None

Fundamentals of Music is a study of American Music Tradition, including jazz, rock, country, folk and early American. Students will work from a book, take notes, and participate in listening activities.

## **PRACTICAL ARTS**

\* **Requirement**

\*\* **Elective**

### **Keyboarding 034390 \*\***

(1/2 Credit, Gr. 9-12)

*Prerequisite:* None

This course is a beginner-level course for students who have never taken a keyboarding course or who have limited keyboarding skills. Focus will be on developing correct keyboarding technique and skill building. Instruction will also include formatting basic business documents.

### **Accounting I 034310 \*\***

(1 Credit, Gr. 11-12)

*Prerequisite:* None

This course provides instruction in fundamental accounting principles. Students will apply accounting concepts to create both manual and automated financial documents. Students will complete an accounting cycle for proprietorship, partnership and corporation and an automated simulation.

### **Graphic Arts/ Desktop Publishing I/II 034353 \*\***

(1 Credit, Gr. 10-12)

*Prerequisite:* Successful completion of Keyboarding and Computer Applications

Students develop proficiency in using graphic arts/ desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc.

### **Computer Applications 034352 \*\***

(1 Credit, Gr. 9-12)

*Prerequisite:* Successful completion of Keyboarding

This course is designed to help student's master beginning and advanced skills in the areas of word processing database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications.

### **Introduction to Business 034300 \*\***

(1 credit, Gr 9-12)

*Prerequisite:* None

This course is designed to introduce students to how business works in today's society and to provide a foundation for other business courses. Content includes business functions such as accounting, management, marketing, and other consumer issues regarding money and money management, banking system and service, government's role in business, and technology in the business world.

### **Personal Finance 996400 \***

(1/2 Credit, Gr. 9)

*Required:* 9th graders

Understanding and managing personal finances are key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

## **Industrial Technology**

### **Drafting I 105430 \*\***

(1 Credit, Gr. 9-12)

*Prerequisite:* None

Students will study and practice the fundamental principles, skills, and techniques of technical drawing. Drawings will be done with traditional drafting tools and instruments then transition into Computer Aided Design (CAD) once the fundamentals are mastered. This course should be given serious consideration by any student considering a technical career and certainly by those

planning for professional careers in engineering, architecture or related fields.

### **Drafting II 105430 \*\***

(1 Credit, Gr. 10-12)

*Prerequisite:* Drafting I

Drafting II students will continue focusing on drawing quality and a deeper understanding of the drafting "language". Architectural plans will be developed in the second semester along with student selected projects. Students will work on drawings they choose with the guidance of the instructor. This course should be given serious consideration by any student considering a technical career and, certainly, by those planning for professional careers in engineering or related fields.

### **Industrial Woods I 105482 \*\***

(1 Credit, Gr. 9-12)

*Prerequisite:* None

Woodworking I is an introductory course where students learn certain fundamentals, basic information, and skills in the area of woodworking. Safe use of the tools, machines, and materials in the Woodworking lab will be the major emphasis of the class.

### **Industrial Woods II 105482 \*\***

(1 Credit, Gr. 10-12; may be repeated for credit)

*Prerequisite:* Successful completion of Woodworking I

Woodworking fundamentals, information and skills are enhanced through classroom instruction and project construction. Safe use of tools, machines and materials in the woodworking lab, along with career in- formation, will be the major emphasis of the class.

## **GENERAL OFFERINGS**

\* **Requirement**

\*\* **Elective**

### **Careers 997000 \***

(1/2 Credit, Gr. 9)

*Prerequisite:* None

This course teaches each of us how to develop and carry out a plan for living and working in today's society. The course includes analysis of society and the workplace, one's skills and abilities, personal reflections of interests, and the life and work style that is best for each individual.

### **ACT Prep 994025 \*\***

(1/2 Credit, Gr. 11-12)

The purpose of the Eastview ACT Prep Course is to assist students in preparing to take the ACT Test. This program will provide an overview of the test, practical test taking strategies and an opportunity to complete a simulated full-length ACT Test.

## **Waynesville Career Center - Vocational/Technical Courses**

Juniors and seniors may earn three credits each year by attending Waynesville Career Center in Waynesville. Laquey R-V School District pays the tuition and provides transportation. Laquey students attend the morning session. **Students are required to ride the bus transportation provided by the school.** Sophomores take a tour of the facility in February. Admission to some courses will also require an assessment and/or interview at Waynesville Career Center. Courses of study available at WCC include:

Auto Collision Technology	Auto Service Technology
Business	Commercial Printing
Computer Info Technology	Welding and Manufacturing
Computer Maintenance	Construction Technology
Cosmetology	Culinary Arts
Graphic Design	Health Science
HVAC	JROTC
Masonry	Marketing
Television Journalism	Vocational Agriculture

**Ozarks Technical Community College - Dual Credit**

A variety of courses can be taken at the OTC campus during a student's junior and senior years. Students can earn up to 36 college credit hours total in this two-year program. Applications must be completed and returned in the spring of a student's sophomore year. Prerequisites include a 3.0 cumulative GPA, good attendance, and teacher recommendation. All courses qualify as Honors courses. Courses include but are not limited to:

Abnormal Psychology  
Art or Music  
College Algebra  
Creative Writing  
Geology  
Life Science  
Lifetime Wellness  
Psychology  
Trigonometry

American Government  
Chemistry  
English Composition  
Economics  
Ethics  
Lifespan Development  
Nutrition for Living  
Public Speaking  
World History